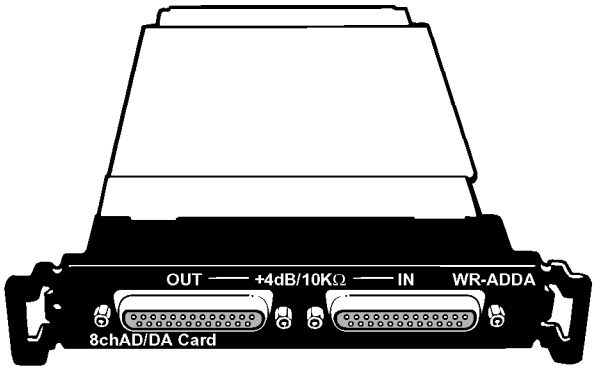
ORDER NO. AVS9811140C8

Service Manual

AD / DA Card

WR-ADDA



SPECIFICATIONS

Input 1 – 8 (balanced)

Indicated impedance :	10 kΩ
Nominal source impedance :	50 Ω – 600 Ω
Nominal input level :	+ 4 dB (1.23 V)
Maximum input level before clipping :	+ 18 dB (6.15 V)
Connector type :	D-sub 25P

Output 1 – 8 (balanced)

Indicated impedance :	10 kΩ
Nominal source impedance :	150 Ω
Nominal input level :	+ 4 dB (1.23 V)
Maximum input level before clipping :	+ 18 dB (6.15 V)
Connector type :	D-sub 25P

Panasonic

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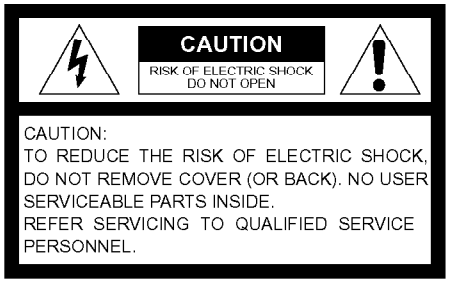
⚠ WARNING

This service information is designed for experienced repair technicians only and is not designed for use by the general public.
It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product.
Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.


CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN
CAUTION:
TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER SERVICEABLE PARTS INSIDE.
REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

This symbol warns the user that uninsulated voltage within the unit may have sufficient magnitude to cause electric shock. Therefore, it is dangerous to make any kind of contact with any inside part of this unit.

This symbol alerts the user that important literature concerning the operation and maintenance of this has been included. Therefore, it should be read carefully in order to avoid any problems.

IMPORTANT SAFETY NOTICE

There are special components used in this equipment which are important for safety. These parts are indicated by the "⚠" mark on the schematic diagram and the replacement parts list. It is essential that these critical parts should be replaced with manufacturer's specified parts to prevent X-radiation, shock, fire, or other hazards. Do not modify the original design without permission of manufacture.

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Conductor View 2
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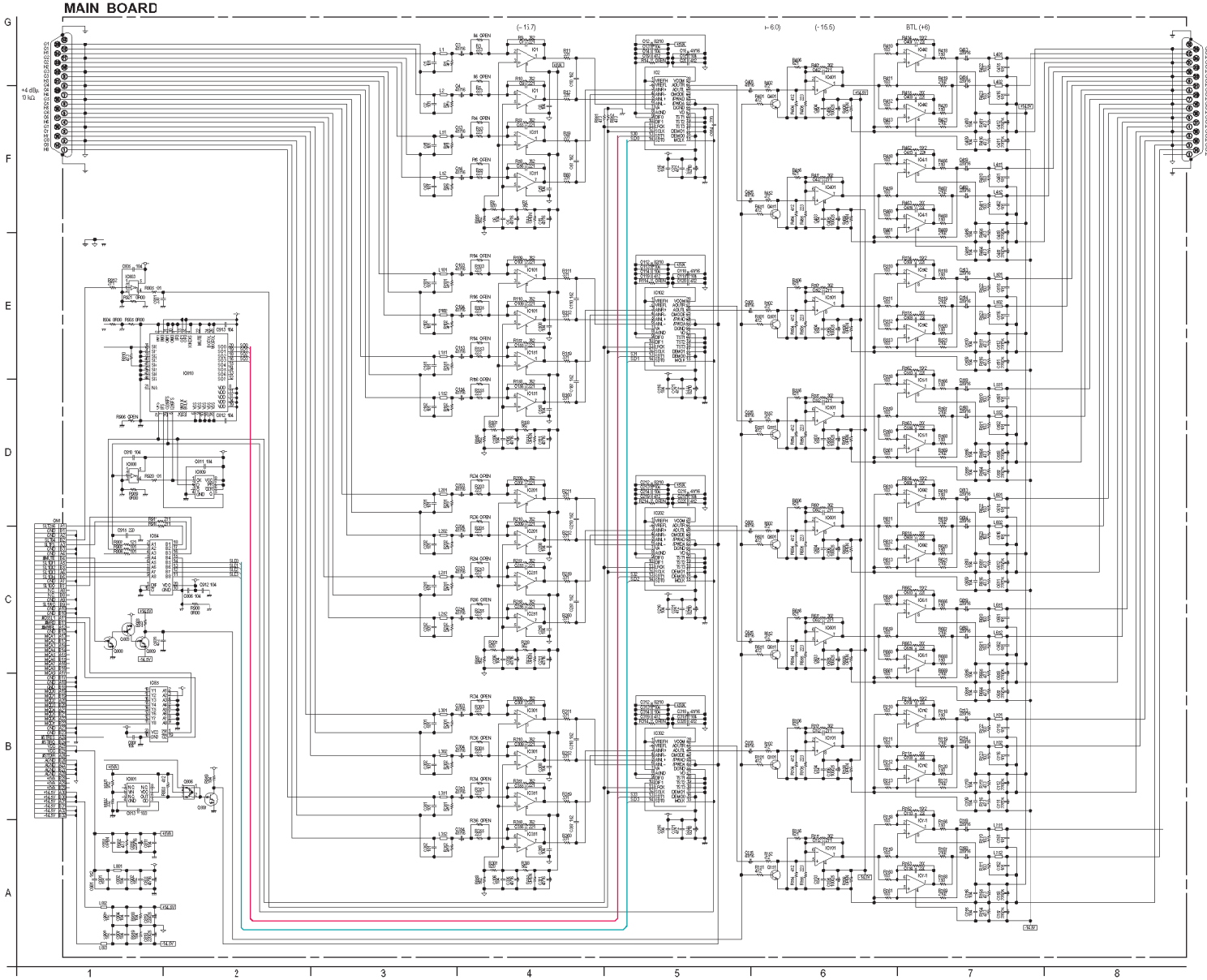
SCHEMATIC DIAGRAM

MAIN BOARD



< INDEX >
MAIN BOARD

IC1	F4/G4
IC2	F5/G5
IC51	F4
IC101	E4
IC102	E5
IC151	E4/D4
IC201	C4/D4
IC202	C5/D5
IC251	C4
IC301	B4
IC302	B5
IC351	A4/B4
IC401	F6/G6
IC402	F7/G7
IC451	F7
IC501	D6/F6
IC502	E7
IC551	D7/E7
IC601	C6/D6
IC602	C7/D7
IC651	C7
IC701	A6/B6
IC702	B7
IC751	A7/B7
IC801	E1
IC803	E1
IC804	C1/C2
IC805	B1/B2
IC808	D1
IC809	D2
IC810	D1/D2/E1/E2
Q401	F6
Q451	F6
Q501	E6
Q551	D6
Q601	C6
Q651	C6
Q701	B6
Q751	A6
Q803	C1
Q806	B2
Q807	B2
Q808	C1
Q809	C1

Note: The value indicated in the schematic diagram should be read as follows:

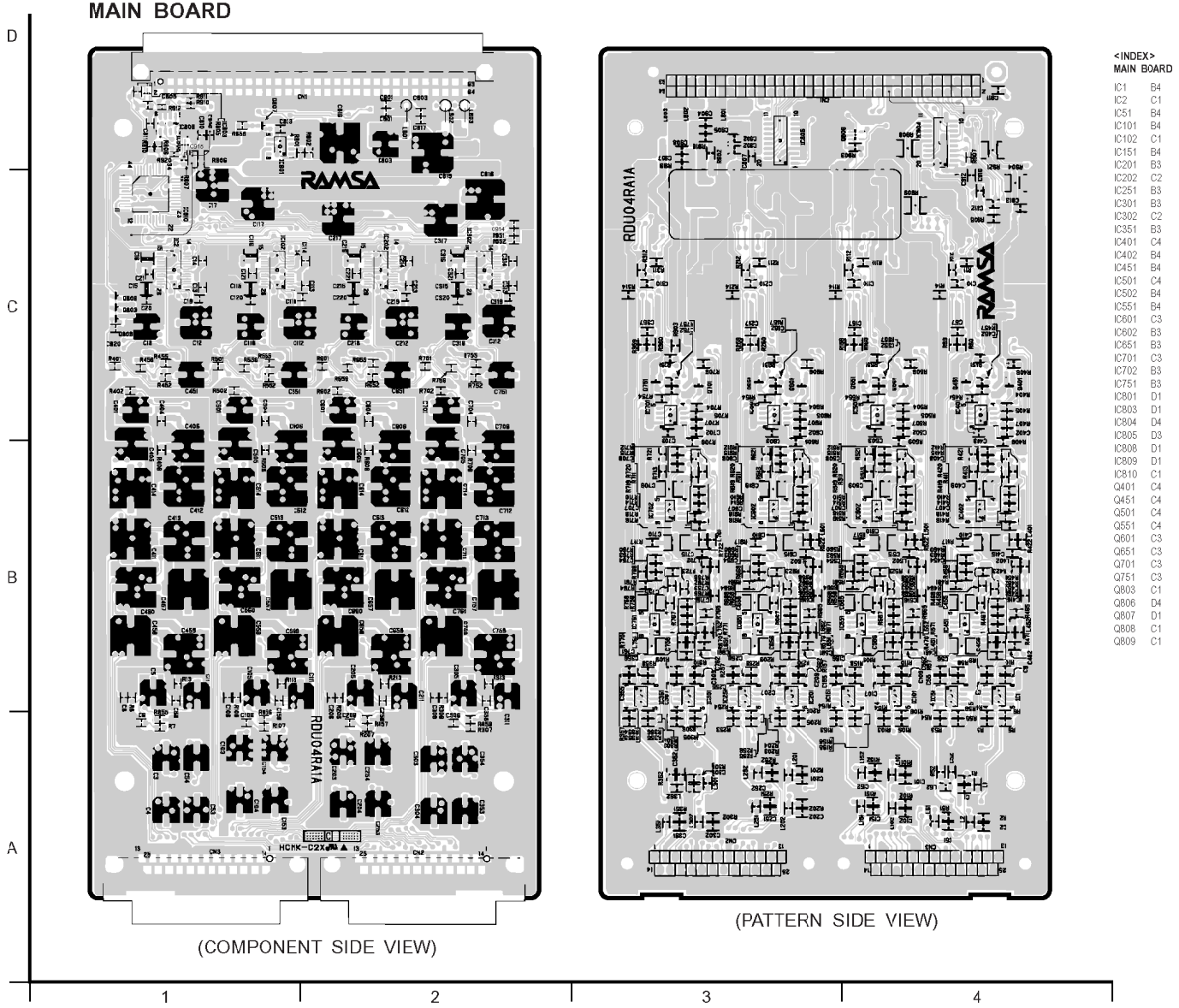
<Example>

For Resistor:
330 → 33 x 10^0 = 33 Ω
561 → 56 x 10^1 = 560 Ω
123 → 12 x 10^3 = 12k Ω
0R00 = 0 Ω

For Capacitor:
820 → 82x 10^0 = 82 pF
102 → 10x 10^2 = 1000 pF = 0.001 μF
104 → 10x 10^4 = 100000 pF = 0.1 μF
The suffix attached to capacitance indicates a type of capacitor.

CONDUCTOR VIEW

MAIN BOARD



(COMPONENT SIDE VIEW)

(PATTERN SIDE VIEW)

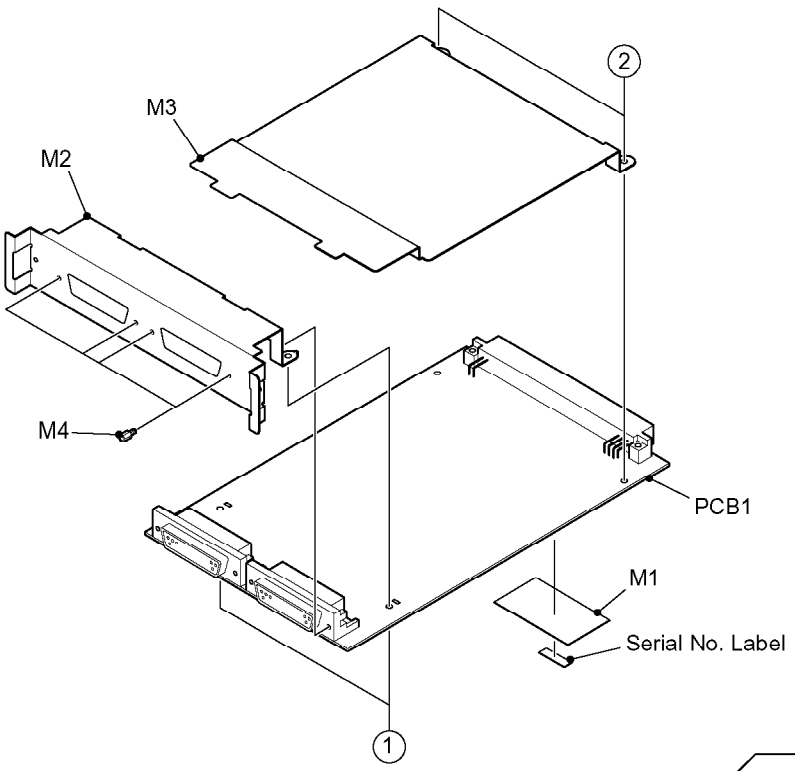
<INDEX>
MAIN BOARD

IC1	B4
IC2	C1
IC51	B4
IC101	B4
IC102	C1
IC151	B4
IC201	B3
IC202	C2
IC251	B3
IC301	B3
IC302	C2
IC351	B3
IC401	C4
IC402	B4
IC451	B4
IC501	C4
IC502	B4
IC551	B4
IC601	C3
IC602	B3
IC651	B3
IC701	C3
IC702	B3
IC751	B3
IC801	D1
IC803	D1
IC804	D4
IC805	D3
IC808	D1
IC809	D1
IC810	C1
Q401	C4
Q451	C4
Q501	C4
Q551	C4
Q601	C3
Q651	C3
Q701	C3
Q751	C3
Q803	C1
Q806	D4
Q807	D1
Q808	C1
Q809	C1

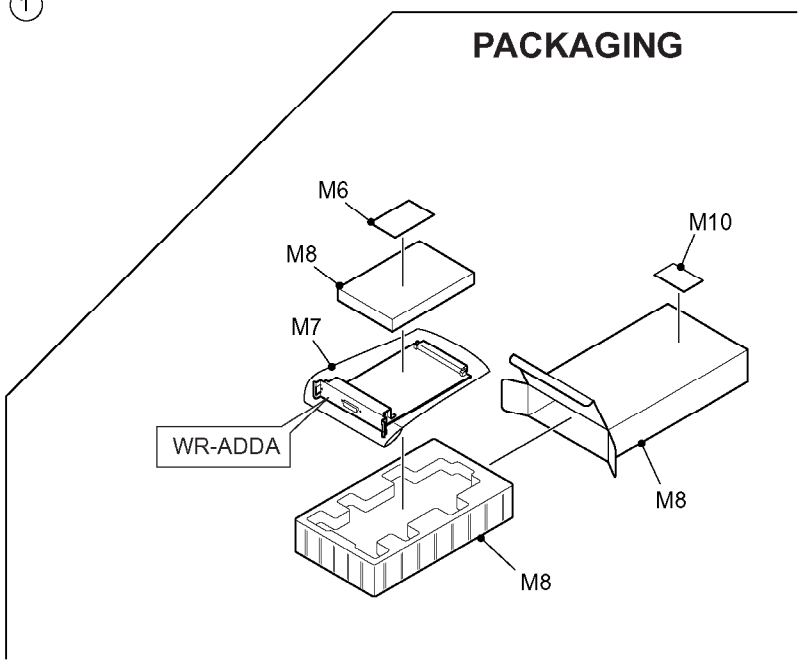
EXPLODED VIEW

◯Numbers show screws, etc.

No.	Screws	Description
①	XYA3+FF8FX	Binding Head Tapping Screw and Washer Assy
②	XYM3+F6FX	Binding Head Screw and Washer Assy



PACKAGING



REPLACEMENT PARTS LIST

Important Notice

1. Components identified by " ⚠ " mark have special characteristics important for safety.
   When replacing any of these components, use only manufacturer's specified parts.
2. RTL : Retention Time Limited (No longer available after discontinuing product).

REF. NO.	PART NO.	DESCRIPTION
MISCELLANEOUS		
M1 ⚠	YWA7QD4852A4	Main Label
MAIN BOARD		
PCB1 (RTL)	YWR0DU04KZ1A	Printed Circuit Board Assy
IC1	YWNJM2122M	IC
IC2	YWAK4520AVF	IC
IC51	YWNJM2122M	IC
IC101	YWNJM2122M	IC
IC102	YWAK4520AVF	IC
IC151	YWNJM2122M	IC
IC201	YWNJM2122M	IC
IC202	YWAK4520AVF	IC
IC251	YWNJM2122M	IC
IC301	YWNJM2122M	IC
IC302	YWAK4520AVF	IC
IC351	YWNJM2122M	IC
IC401	YWNJM2068M	IC
IC402	YWUPC4570G	IC
IC451	YWUPC4570G	IC
IC501	YWNJM2068M	IC
IC502	YWUPC4570G	IC
IC551	YWUPC4570G	IC
IC601	YWNJM2068M	IC
IC602	YWUPC4570G	IC
IC651	YWUPC4570G	IC
IC701	YWNJM2068M	IC
IC702	YWUPC4570G	IC
IC751	YWUPC4570G	IC
IC809	YWTC7W74FL	IC
IC810	YWT6G22U1057	IC
Q401	2SC4695TB	Transistor
Q451	2SC4695TB	Transistor
Q501	2SC4695TB	Transistor
Q551	2SC4695TB	Transistor
Q601	2SC4695TB	Transistor
Q651	2SC4695TB	Transistor
Q701	2SC4695TB	Transistor
Q751	2SC4695TB	Transistor

REF. NO.	PART NO.	DESCRIPTION	
Q803	DTA114EU	Transistor	
Q806	FMA9AT148	Transistor	
Q807-809	DTC114EU	Transistor	
R1,2	YWR1220P473D	Metal	47K ohms
R3	YWR1220P223D	Metal	22K ohms
R5	YWR1220P223D	Metal	22K ohms
R7	R1220P820D	Metal	82 ohms
R8	YWR1220P562D	Metal	5.6K ohms
R9,10	YWR1220P362D	Metal	3.6K ohms
R11,12	R1220P331D	Metal	330K ohms
R51,52	YWR1220P473D	Metal	47K ohms
R53,55	YWR1220P223D	Metal	22K ohms
R57,58	YWR1220P362D	Metal	3.6K ohms
R59,60	R1220P331D	Metal	330K ohms
R101,102	YWR1220P473D	Metal	47K ohms
R103,105	YWR1220P223D	Metal	22K ohms
R107	R1220P820D	Metal	82 ohms
R108	YWR1220P562D	Metal	5.6K ohms
R109,110	YWR1220P362D	Metal	3.6K ohms
R111,112	R1220P331D	Metal	330K ohms
R151,152	YWR1220P473D	Metal	47K ohms
R153,155	YWR1220P223D	Metal	22K ohms
R157,158	YWR1220P362D	Metal	3.6K ohms
R159,160	R1220P331D	Metal	330K ohms
R201,202	YWR1220P473D	Metal	47K ohms
R203,205	YWR1220P223D	Metal	22K ohms
R207	R1220P820D	Metal	82 ohms
R208	YWR1220P562D	Metal	5.6K ohms
R209,210	YWR1220P362D	Metal	3.6K ohms
R211,212	R1220P331D	Metal	330K ohms
R251,252	YWR1220P473D	Metal	47K ohms
R253,255	YWR1220P223D	Metal	22K ohms
R257,258	YWR1220P362D	Metal	3.6K ohms
R259,260	R1220P331D	Metal	330K ohms
R301,302	YWR1220P473D	Metal	47K ohms
R303,305	YWR1220P223D	Metal	22K ohms
R307	R1220P820D	Metal	82 ohms
R308	YWR1220P562D	Metal	5.6K ohms
R309,310	YWR1220P362D	Metal	3.6K ohms
R311,312	R1220P331D	Metal	330K ohms
R351,352	YWR1220P473D	Metal	47K ohms
R353,355	YWR1220P223D	Metal	22K ohms
R357,358	YWR1220P362D	Metal	3.6K ohms
R359,360	R1220P331D	Metal	330K ohms
R401,402	YWR1220P472D	Metal	4.7K ohms
R404	YWR1220P472D	Metal	4.7K ohms
R405	YWR1220P223D	Metal	22K ohms
R406	R1220P621D	Metal	620 ohms
R407	YWR1220P302D	Metal	3K ohms
R410-413	YWR1220P103D	Metal	10K ohms

REF. NO.	PART NO.	DESCRIPTION	
R414	R1220P1912D	Metal	9.1K ohms
R415	YFR1220P203D	Metal	20K ohms
R416,417	YWR1220P473D	Metal	47K ohms
R418	YWR1220Q750D	Metal	75 ohms
R419	R1220P2102D	Metal	1K ohms
R420	YWR1220Q750D	Metal	75 ohms
R421	R1220P2102D	Metal	1K ohms
R422,423	YWR1220P103D	Metal	10K ohms
R451,452	YWR1220P472D	Metal	4.7K ohms
R454	YWR1220P472D	Metal	4.7K ohms
R455	YWR1220P223D	Metal	22K ohms
R456	R1220P621D	Metal	620 ohms
R457	YWR1220P302D	Metal	3K ohms
R458-461	YWR1220P103D	Metal	10K ohms
R462	R1220P1912D	Metal	9.1K ohms
R463	YFR1220P203D	Metal	20K ohms
R464,465	YWR1220P473D	Metal	47K ohms
R466	YWR1220Q750D	Metal	75 ohms
R467	R1220P2102D	Metal	1K ohms
R468	YWR1220Q750D	Metal	75 ohms
R469	R1220P2102D	Metal	1K ohms
R470,471	YWR1220P103D	Metal	10K ohms
R501,502	YWR1220P472D	Metal	4.7K ohms
R504	YWR1220P472D	Metal	4.7K ohms
R505	YWR1220P223D	Metal	22K ohms
R506	R1220P621D	Metal	620 ohms
R507	YWR1220P302D	Metal	3K ohms
R510-513	YWR1220P103D	Metal	10K ohms
R514	R1220P1912D	Metal	9.1K ohms
R515	YFR1220P203D	Metal	20K ohms
R516,517	YWR1220P473D	Metal	47K ohms
R518	YWR1220Q750D	Metal	75 ohms
R519	R1220P2102D	Metal	1K ohms
R520	YWR1220Q750D	Metal	75 ohms
R521	R1220P2102D	Metal	1K ohms
R522,523	YWR1220P103D	Metal	10K ohms
R551,552	YWR1220P472D	Metal	4.7K ohms
R554	YWR1220P472D	Metal	4.7K ohms
R555	YWR1220P223D	Metal	22K ohms
R556	R1220P621D	Metal	620 ohms
R557	YWR1220P302D	Metal	3K ohms
R558-561	YWR1220P103D	Metal	10K ohms
R562	R1220P1912D	Metal	9.1K ohms
R563	YFR1220P203D	Metal	20K ohms
R564,565	YWR1220P473D	Metal	47K ohms
R566	YWR1220Q750D	Metal	75 ohms
R567	R1220P2102D	Metal	1K ohms
R568	YWR1220Q750D	Metal	75 ohms
R569	R1220P2102D	Metal	1K ohms
R570,571	YWR1220P103D	Metal	10K ohms
R601,602	YWR1220P472D	Metal	4.7K ohms
R604	YWR1220P472D	Metal	4.7K ohms
R605	YWR1220P223D	Metal	22K ohms
R606	R1220P621D	Metal	620 ohms
R607	YWR1220P302D	Metal	3K ohms

REF. NO.	PART NO.	DESCRIPTION	
R610-613	YWR1220P103D	Metal	10K ohms
R614	R1220P1912D	Metal	9.1K ohms
R615	YFR1220P203D	Metal	20K ohms
R616,617	YWR1220P473D	Metal	47K ohms
R618	YWR1220Q750D	Metal	75 ohms
R619	R1220P2102D	Metal	1K ohms
R620	YWR1220Q750D	Metal	75 ohms
R621	R1220P2102D	Metal	1K ohms
R622,623	YWR1220P103D	Metal	10K ohms
R651,652	YWR1220P472D	Metal	4.7K ohms
R654	YWR1220P472D	Metal	4.7K ohms
R655	YWR1220P223D	Metal	22K ohms
R656	R1220P621D	Metal	620 ohms
R657	YWR1220P302D	Metal	3K ohms
R658-661	YWR1220P103D	Metal	10K ohms
R662	R1220P1912D	Metal	9.1K ohms
R663	YFR1220P203D	Metal	20K ohms
R664,665	YWR1220P473D	Metal	47K ohms
R666	YWR1220Q750D	Metal	75 ohms
R667	R1220P2102D	Metal	1K ohms
R668	YWR1220Q750D	Metal	75 ohms
R669	R1220P2102D	Metal	1K ohms
R670,671	YWR1220P103D	Metal	10K ohms
R701,702	YWR1220P472D	Metal	4.7K ohms
R704	YWR1220P472D	Metal	4.7K ohms
R705	YWR1220P223D	Metal	22K ohms
R706	R1220P621D	Metal	620 ohms
R707	YWR1220P302D	Metal	3K ohms
R710-713	YWR1220P103D	Metal	10K ohms
R714	R1220P1912D	Metal	9.1K ohms
R715	YFR1220P203D	Metal	20K ohms
R716,717	YWR1220P473D	Metal	47K ohms
R718	YWR1220Q750D	Metal	75 ohms
R719	R1220P2102D	Metal	1K ohms
R720	YWR1220Q750D	Metal	75 ohms
R721	R1220P2102D	Metal	1K ohms
R722,723	YWR1220P103D	Metal	10K ohms
R751,752	YWR1220P472D	Metal	4.7K ohms
R754	YWR1220P472D	Metal	4.7K ohms
R755	YWR1220P223D	Metal	22K ohms
R756	R1220P621D	Metal	620 ohms
R757	YWR1220P302D	Metal	3K ohms
R758-761	YWR1220P103D	Metal	10K ohms
R762	R1220P1912D	Metal	9.1K ohms
R763	YFR1220P203D	Metal	20K ohms
R764,765	YWR1220P473D	Metal	47K ohms
R766	YWR1220Q750D	Metal	75 ohms
R767	R1220P2102D	Metal	1K ohms
R768	YWR1220Q750D	Metal	75 ohms
R769	R1220P2102D	Metal	1K ohms
R770,771	YWR1220P103D	Metal	10K ohms
R801	YWR1220P912D	Metal	9.2K ohms
R802	YWR1220P332D	Metal	3.3K ohms
R803	ERJ6GEYJ472	Carbon	4.7K ohms 1/10W
R805,806	ERJ6GEYJ101	Carbon	100 ohms 1/10W

REF. NO.	PART NO.	DESCRIPTION	
R807	ERJ6GEYJ121V	Carbon	120 ohms 1/10W
R810	ERJ6GEYJ473	Carbon	47K ohms 1/10W
R851,852	YWR1220P473D	Metal	47K ohms
R855-858	YWR1220P562D	Metal	5.6K ohms
R859	ERJ6GEYJ104	Carbon	100K ohms 1/10W
R902	YWR1220P473D	Metal	47K ohms
R903	ERJ6GEYJ223	Carbon	22K ohms 1/10W
R904	ERJ12Y0R00H	Carbon	0 ohm 1/2W
R905	ERJ6GEY0R00	Carbon	0 ohm 1/10W
R907	ERJ3GEYJ101	Carbon	100 ohms 1/16W
R908,909	ERJ12Y0R00H	Carbon	0 ohm 1/2W
R910-912	ERJ3GEYJ271	Carbon	270 ohms 1/16W
R918,919	ERJ6GEYJ104	Carbon	100K ohms 1/10W
R920	ERJ3GEYJ101	Carbon	100 ohms 1/16W
R921	ERJ12Y0R00H	Carbon	0 ohm 1/2W
C1,2	MCUV1H101JCN	Ceramic	100 pF
C3-5	YWRVW1C470	Electrolytic	47 µF 16V
C6,8	MCUV1E104KBN	Ceramic	0.1 µF
C7,9	MCUV1H221JCN	Ceramic	220 pF
C10	YW400152CHJT	Ceramic	1500 pF
C11	YWRVW1C470	Electrolytic	47µF
C12	YW10SV82M	Electrolytic	82 µF 10V
C13,14	MCUV1E104KBN	Ceramic	0.1 µF
C15,16	ECHU1C104JB	Plastic	0.1 µF 16V
C17	YW10SV82M	Electrolytic	82 µF 10V
C18	YWRVW1C470	Electrolytic	47 µF 16V
C19-21	MCUV1H472KBN	Ceramic	4700 pF
C51,52	MCUV1H101JCN	Ceramic	100 pF
C53	YWRVW1C470	Electrolytic	47 µF 16V
C54	YWRVW1C470	Electrolytic	47 µF 16V
C55,56	MCUV1H221JCN	Ceramic	220 pF
C57	YW400152CHJT	Ceramic	1500 pF
C58	MCUV1E104KBN	Ceramic	0.1 µF
C101,102	MCUV1H101JCN	Ceramic	100 pF
C103-105	YWRVW1C470	Electrolytic	47 µF 16V
C106,108	MCUV1E104KBN	Ceramic	0.1 µF
C107,109	MCUV1H221JCN	Ceramic	220 pF
C110	YW400152CHJT	Ceramic	1500 pF
C111	YWRVW1C470	Electrolytic	47 µF 16V
C112	YW10SV82M	Electrolytic	82 µF 10V
C113,114	MCUV1E104KBN	Ceramic	0.1 µF
C115,116	ECHU1C104JB	Plastic	0.1 µF 16V
C117	YW10SV82M	Electrolytic	82 µF 10V
C118	YWRVW1C470	Electrolytic	47 µF 16V
C119-121	MCUV1H472KBN	Ceramic	4700 pF
C151,152	MCUV1H101JCN	Ceramic	100 pF
C153	YWRVW1C470	Electrolytic	47 µF 16V
C154	YWRVW1C470	Electrolytic	47 µF 16V
C155,156	MCUV1H221JCN	Ceramic	220 pF
C157	YW400152CHJT	Ceramic	1500 pF
C158	MCUV1E104KBN	Ceramic	0.1 µF
C201,202	MCUV1H101JCN	Ceramic	100 pF
C203-205	YWRVW1C470	Electrolytic	47 µF 16V
C206,208	MCUV1E104KBN	Ceramic	0.1 µF
C207,209	MCUV1H221JCN	Ceramic	220 pF

REF. NO.	PART NO.	DESCRIPTION	
C210	YW400152CHJT	Ceramic	1500 pF
C211	YWRVW1C470	Electrolytic	47 µF 16V
C212	YW10SV82M	Electrolytic	82 µF 10V
C213,214	MCUV1E104KBN	Ceramic	0.1 µF
C215,216	ECHU1C104JB	Plastic	0.1 µF 16V
C217	YW10SV82M	Electrolytic	82 µF 10V
C218,253	YWRVW1C470	Electrolytic	47 µF 16V
C219-221	MCUV1H472KBN	Ceramic	4700 pF
C251,252	MCUV1H101JCN	Ceramic	100 pF
C254	YWRVW1C470	Electrolytic	47 µF 16V
C255,256	MCUV1H221JCN	Ceramic	220 pF
C257	YW400152CHJT	Ceramic	1500 pF
C258	MCUV1E104KBN	Ceramic	0.1 µF
C301,302	MCUV1H101JCN	Ceramic	100 pF
C303-305	YWRVW1C470	Electrolytic	47 µF 16V
C306	MCUV1E104KBN	Ceramic	0.1 µF
C307	MCUV1H221JCN	Ceramic	220 pF
C308	MCUV1E104KBN	Ceramic	0.1 µF
C309	MCUV1H221JCN	Ceramic	220 pF
C310	YW400152CHJT	Ceramic	1500 pF
C311	YWRVW1C470	Electrolytic	47 µF 16V
C312	YW10SV82M	Electrolytic	82 µF 10V
C313,314	MCUV1E104KBN	Ceramic	0.1 µF
C315,316	ECHU1C104JB	Plastic	0.1 µF
C317	YW10SV82M	Electrolytic	82 µF 10V
C318	YWRVW1C470	Electrolytic	47 µF 16V
C319-321	MCUV1H472KBN	Ceramic	4700 pF
C351,352	MCUV1H101JCN	Ceramic	100 pF
C353	YWRVW1C470	Electrolytic	47 µF 16V
C354	YWRVW1C470	Electrolytic	47 µF 16V
C355,356	MCUV1H221JCN	Ceramic	220 pF
C357	YW400152CHJT	Ceramic	1500 pF
C358	MCUV1E104KBN	Ceramic	0.1 µF
C401	YWRVW1C470	Electrolytic	47 µF 16V
C402	YF400271CHJT	Ceramic	270 pF
C403	MCUV1E104KBN	Ceramic	0.1 µF
C404	MCUV1E104KBN	Ceramic	0.1 µF
C405,406	YWRVW1E101	Electrolytic	100 µF 25V
C407,408	MCUV1H220JCN	Ceramic	22 pF
C409,410	ECHU1H104JB9	Plastic	0.1 µF 50V
C411,412	YWRVW1E221	Electrolytic	220 µF 25V
C413,414	YWRVW1C221	Electrolytic	220 µF 16V
C415,416	MCUV1H101JCN	Ceramic	100 pF
C451	YWRVW1C470	Electrolytic	47 µF 16V
C452	YF400271CHJT	Ceramic	270 pF
C453,454	MCUV1H220JCN	Ceramic	22 pF
C455,456	ECHU1H104JB9	Plastic	0.1 µF 50V
C457,458	YWRVW1E221	Electrolytic	220 µF 25V
C459,460	YWRVW1C221	Electrolytic	220 µF 16V
C461,462	MCUV1H101JCN	Ceramic	100 pF
C501	YWRVW1C470	Electrolytic	47 µF 16V
C502	YF400271CHJT	Ceramic	270 pF
C503,504	MCUV1E104KBN	Ceramic	0.1 µF
C505,506	YWRVW1E101	Electrolytic	100 µF 25V
C507,508	MCUV1H220JCN	Ceramic	22 pF

REF. NO.	PART NO.	DESCRIPTION	
C509,510	ECHU1H104JB9	Plastic	0.1 µF 50V
C511,512	YWRVW1E221	Electrolytic	220 µF 25V
C513,514	YWRVW1C221	Electrolytic	220 µF 16V
C515,516	MCUV1H101JCN	Ceramic	100 pF
C551	YWRVW1C470	Electrolytic	47 µF 16V
C552	YF400271CHJT	Ceramic	270 pF
C553,554	MCUV1H220JCN	Ceramic	22 pF
C555,556	ECHU1H104JB9	Plastic	0.1 µF 50V
C557,558	YWRVW1E221	Electrolytic	220 µF 25V
C559,560	YWRVW1C221	Electrolytic	220µF 16V
C561,562	MCUV1H101JCN	Ceramic	100 pF
C601	YWRVW1C470	Electrolytic	47 µF 16V
C602	YF400271CHJT	Ceramic	270 pF
C603,604	MCUV1E104KBN	Ceramic	0.1 µF
C605,606	YWRVW1E101	Electrolytic	100 µF 25V
C607,608	MCUV1H220JCN	Ceramic	22 pF
C609,610	ECHU1H104JB9	Plastic	0.1 µF 50V
C611,612	YWRVW1E221	Electrolytic	220 µF 25V
C613,614	YWRVW1C221	Electrolytic	220 µF 16V
C615,616	MCUV1H101JCN	Ceramic	100 pF
C651	YWRVW1C470	Electrolytic	47 µF 16V
C652	YF400271CHJT	Ceramic	270 pF
C653,654	MCUV1H220JCN	Ceramic	22 pF
C655,656	ECHU1H104JB9	Plastic	0.1 µF 50V
C657,658	YWRVW1E221	Electrolytic	220 µF 25V
C659,660	YWRVW1C221	Electrolytic	220 µF 16V
C661,662	MCUV1H101JCN	Ceramic	100 pF
C701	YWRVW1C470	Electrolytic	47 µF 16V
C702	YF400271CHJT	Ceramic	270 pF
C703,704	MCUV1E104KBN	Ceramic	0.1 µF
C705,706	YWRVW1E101	Electrolytic	100 µF 25V
C707,708	MCUV1H220JCN	Ceramic	22 pF
C709,710	ECHU1H104JB9	Plastic	0.1 µF 50V
C711,712	YWRVW1E221	Electrolytic	220 µF 25V
C713,714	YWRVW1C221	Electrolytic	220 µF 16V
C715,716	MCUV1H101JCN	Ceramic	100 pF
C751	YWRVW1C470	Electrolytic	47 µF 16V
C752	YF400271CHJT	Ceramic	270 pF
C753,754	MCUV1H220JCN	Ceramic	22 pF
C755,756	ECHU1H104JB9	Plastic	0.1 µF 50V
C757,758	YWRVW1E221	Electrolytic	220 µF 25V
C759,760	YWRVW1C221	Electrolytic	220 µF 16V
C761,762	MCUV1H101JCN	Ceramic	100 pF
C801,802	YF400104FZT	Ceramic	0.1 µF
C803	YWRVW1C470	Electrolytic	47 µF 16V
C805-807	YF400104FZT	Ceramic	0.1 µF
C810-812	YF400104FZT	Ceramic	0.1 µF
C813	ECUV1H103KBN	Ceramic	0.01 µF
C816	YWRVW1C221	Electrolytic	220 µF 16V
C817	YF400104FZT	Ceramic	0.1 µF
C818,819	YWRVW1E221	Electrolytic	220 µF 25V
C820	MCUV1H472KBN	Ceramic	4700 pF
C901,902	YW400152CHJT	Ceramic	1500 pF
C904	MCUV1E104KBN	Ceramic	0.1 µF
C905	YW400152CHJT	Ceramic	1500 pF

REF. NO.	PART NO.	DESCRIPTION	
C907	MCUV1E104KBN	Ceramic	0.1 µF
C908	YW400152CHJT	Ceramic	1500 pF
C911	MCUV1H330JCN	Ceramic	33 pF
C912,913	YF400104FZT	Ceramic	0.1 µF
C914,915	MCUV1H220JCN	Ceramic	22 pF
L1,2	YWBLM21A05PT	Coil	
L51,52	YWBLM21A05PT	Coil	
L101,102	YWBLM21A05PT	Coil	
L151,152	YWBLM21A05PT	Coil	
L201,202	YWBLM21A05PT	Coil	
L251,252	YWBLM21A05PT	Coil	
L301,302	YWBLM21A05PT	Coil	
L351,352	YWBLM21A05PT	Coil	
L401,402	YWBLM21A05PT	Coil	
L451,452	YWBLM21A05PT	Coil	
L501,502	YWBLM21A05PT	Coil	
L551,552	YWBLM21A05PT	Coil	
L601,602	YWBLM21A05PT	Coil	
L651,652	YWBLM21A05PT	Coil	
L701,702	YWBLM21A05PT	Coil	
L751,752	YWBLM21A05PT	Coil	
L801-803	YWZBF503S01	Coil	
CN1	YWXC5A64121A	32-pin Connector	
CN2,3	XM3B2522502	25-pin Connector	
M2	YWA5WA2370A3	Panel	
M3	YWA7DA1103A3	Heat Sink	
M4	YWXM2Z0021	Composite Screw	

ACCESSORY PARTS / PACKAGING PARTS

M6	⚠	YWA8QA4857AN	Instructions
M7		YWA8EA0079A4	Polyethylene Bag
M8		YWA9CT3714AN	Packaging Assy
M10		YWV7SA2037A3	Bar Cord Label

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